



# User Guide for Cisco Virtualization Experience Client 6215 Firmware Release 9.0

First Published: April 02, 2013 Last Modified: April 02, 2013

### **Americas Headquarters**

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
http://www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)

Fax: 408 527-0883

THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR CISCO REPRESENTATIVE FOR A COPY.

The Cisco implementation of TCP header compression is an adaptation of a program developed by the University of California, Berkeley (UCB) as part of UCB's public domain version of the UNIX operating system. All rights reserved. Copyright © 1981, Regents of the University of California.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. CISCO AND THE ABOVE-NAMED SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL CISCO OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF CISCO OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: <a href="http://www.cisco.com/go/trademarks">http://www.cisco.com/go/trademarks</a>. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company, (1110R)

Any Internet Protocol (IP) addresses used in this document are not intended to be actual addresses. Any examples, command display output, and figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses in illustrative content is unintentional and coincidental.

© 2013 Cisco Systems, Inc. All rights reserved.



#### CONTENTS

#### CHAPTER 1 Your Cisco virtual environment 1

Your hosted virtual desktop 1

Virtualization Experience Client firmware 1

Virtualization Experience Media Engine 1

Your Cisco Virtualization Experience Client 2

#### CHAPTER 2 Connect to your hosted virtual desktop 5

Cisco AnyConnect 5

One time password 6

Connect to your corporate network 6

Citrix connection 6

VMware connection 8

#### CHAPTER 3 Accessories 11

Cisco approved audio and video accessories 11

Logitech UC Keyboard K725-C 12

Logitech UC Keyboard features 12

Set up your keyboard 14

Logitech Mouse M525-C 14

Logitech Wirelesss Mouse features 15

Set up your mouse 16

Logitech WebCam C920-C 17

Logitech Webcam features 18

Set up your webcam 18

Mount your webcam on monitor 19

Jabra Handset 450 for Cisco 19

Jabra Handset 450 features 20

Set up your handset 21

Power your handset off and on 22

Jabra Speak 450 for Cisco 22

Jabra Speak 450 features 23

Set up your hands-free speakerphone USB connection 24

Set up your hands-free speakerphone Bluetooth connection 24

Device Selector 24

View your active camera or audio device 25

Change your active camera or audio device 25

Audio 25

Adjust settings for Jabra Bluetooth devices 25

Adjust Virtual Experience Client volume 26

Adjust Jabber volume 26

Default audio device selection 27

Ring tone 27

Device ready indicator 27

Video resolution 28

Screen lock call control 28



## **Your Cisco virtual environment**

In this document, Cisco Virtualization Experience Client means Cisco Virtualization Experience Client 6215.

- Your hosted virtual desktop, page 1
- Virtualization Experience Client firmware, page 1
- Virtualization Experience Media Engine, page 1
- Your Cisco Virtualization Experience Client, page 2

## Your hosted virtual desktop

The hosted virtual desktop (HVD) is a new form of desktop computing. Your HVD looks and behaves like a regular desktop. However, your Windows desktop, other software, and your data reside in a central location called a data center. You access your HVD over a secure connection with your Cisco Virtualization Experience Client. The HVD removes the need for typically more costly physical desktop PCs. Central hosting in the data center reduces the cost of providing the applications and computing services that you need.

This type of setup is commonly referred to as a virtual environment.

## **Virtualization Experience Client firmware**

Your system administrator preinstalls the Virtualization Experience Client firmware on your Cisco Virtualization Experience Client. The firmware includes Cisco AnyConnect.



Note

Cisco Virtualization Experience Media Engine is an optional add-on.

## Virtualization Experience Media Engine

Your system administrator also preinstalls the optional Cisco Virtualization Experience Media Engine (VXME) add-on, which provides support for the following accessories:

- Logitech UC Keyboard K725-C
- Logitech Mouse M525-C
- Logitech Webcam C920-C
- Jabra Handset 450 Cisco
- Jabra Speak 450 Cisco

## **Your Cisco Virtualization Experience Client**

Your Cisco Virtualization Experience Client is preinstalled with Virtualization Experience Client firmware, and all required software is already set up for you. With Cisco Virtualization Experience Client you use Citrix ICA (opens in Mozilla Firefox), Citrix XenClient, or VMware Horizon View Client to sign into your hosted virtual desktop.



To access your corporate network, you may need to connect by using Cisco AnyConnect.

If your system administrator installed the optional Cisco Virtualization Experience Media Engine (VXME), you can also place calls with Cisco Jabber on your hosted virtual desktop. For more information about Cisco Jabber, see <a href="http://www.cisco.com/en/US/products/ps12862/products">http://www.cisco.com/en/US/products/ps12862/products</a> user guide list.html.

The following image shows the Cisco Virtualization Experience Client with a monitor and the designed for Cisco accessories.



Figure 1: Cisco Virtualization Experience Client and Accessories

Legend	
1	Logitech Webcam C920-C (wired)
2	Cisco Virtualization Experience Client 6215 (wired thin client)
3	Logitech Wireless Mouse M525-C (wireless)
4	Logitech UC Keyboard K725-C (wired)
5	Jabra Speak 450 Cisco (wired or Bluetooth)
6	Jabra Handset 450 Cisco (wired)

### **Related Topics**

Accessories, on page 11

Your Cisco Virtualization Experience Client



## Connect to your hosted virtual desktop

To connect to your hosted virtual desktop (HVD), you must first connect to your corporate network. If you do not connect to the network directly, you must use Cisco AnyConnect.

Your system administrator can provide advice as to whether you must use Cisco AnyConnect before you can log on to your HVD or access other network resources. If you must use Cisco AnyConnect, your administrator can set it to start automatically when you boot and can place the Cisco AnyConnect shortcut on your Cisco Virtualization Experience Client desktop.

After you connect to the corporate network, you log on to your HVD by using one of the following methods:

- Citrix XenDesktop (opens in Mozilla Firefox)
- Citrix XenClient
- VMware Horizon View Client



You must use the connection method set up for your network.

- Cisco AnyConnect, page 5
- Citrix connection, page 6
- VMware connection, page 8

## **Cisco AnyConnect**

Cisco AnyConnect is virtual private network (VPN) software. If you need to connect to your corporate network from a remote location, you can use Cisco AnyConnect. Your system administrator configures Cisco AnyConnect for you and provides your user name and password.

## One time password

One time password (OTP) is an additional security feature that your system administrator can set up. With OTP, you generate a new password each time you connect to the virtual private network (VPN) by using AnyConnect.

The method of generating the OTP can vary; for example, some sites may use software tokens, while others may use hardware tokens. The deployment can differ as well, according to the site security requirements. The OTP may be the only password you require, in which case you enter your OTP along with your user name. Alternately you may be required to enter your user name and password, and following a successful initial authentication, be prompted to enter your OTP.

Enter your credentials as directed by your system administrator.

## **Connect to your corporate network**

Use Cisco AnyConnect to connect to your corporate network from a remote location.

#### **Before You Begin**

At minimum, you require a user name and password. Depending on the network security, you may require a one time password. If you do not know your user name and password, or know how to obtain your one time password, contact your system administrator. Enter your credentials as instructed by your system administrator.

#### **Procedure**

- Step 1 If AnyConnect is not already started, click to start AnyConnect.
- **Step 2** From the Connect to menu, choose the network to which you want to connect.
- Step 3 Click Connect.
- **Step 4** Enter your user name and password, and then click **Connect**. Depending on the network security, this password may be a one time password.
- **Step 5** If you receive a prompt to enter your one time password, obtain your one time password and enter it. If you are not sure how to obtain your one time password, check with your system administrator.
- Step 6 Click Connect.

#### **Related Topics**

One time password, on page 6

## **Citrix connection**

After you connect to the corporate network, either directly or by using Cisco AnyConnect, you can connect to your hosted virtual desktop (HVD) and use other network resources. If your Cisco Virtualization Experience Client connects to your HVD over a Citrix XenDesktop connection, or over a Citrix XenApp connection, the log on page opens in Mozilla Firefox. Your system administrator can place the shortcut icon for either

connection on the Cisco Virtualization Experience Client desktop. Alternately, your administrator can set XenDesktop or XenApp to start automatically when you boot your Cisco Virtualization Experience Client.

You require a username and password to connect to your HVD. If you do not know your username and password, contact your system administrator.

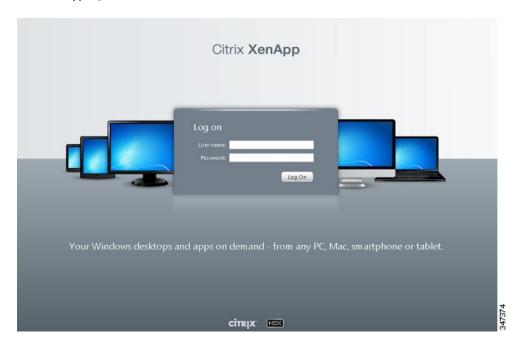
The following image shows the Citrix XenDesktop log on page.

Figure 2: Citrix XenDesktop log on



The following image shows the Citrix XenApp log on page.

Figure 3: Citrix XenApp log on

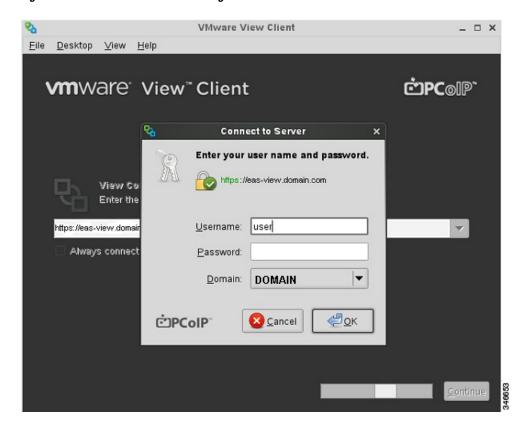


## **VM**ware connection

After you connect to the corporate network, either directly or by using Cisco AnyConnect, you can connect to your hosted virtual desktop (HVD) and use other network resources. If your Cisco Virtualization Experience Client connects to your HVD over a VMware connection, you use VMware Horizon View Client to log on. Your administrator can place the shortcut icon for VMware Horizon View on your Cisco Virtualization Experience Client desktop, or set VMware Horizon View Client to start when you boot the Cisco Virtualization Experience Client.

You require a username and password to connect to your HVD. If you do not know your username and password, contact your system administrator.

Figure 4: VMware Horizon View Client log on



VMware connection



## **Accessories**

- Cisco approved audio and video accessories, page 11
- Device Selector, page 24
- Audio, page 25
- Video resolution, page 28
- Screen lock call control, page 28

## Cisco approved audio and video accessories

For a complete listing of supported audio and video accessories, see Cisco Virtualization Experience Client 6215: Cisco Approved Audio and Video Accessories Data Sheet.



If you use supported accessories other than those made for Cisco, the behavior of these devices may be different than described in this document.

The following accessories are made for Cisco and supported for use with Cisco Virtualization Experience Media Engine:

- Logitech UC Keyboard K725-C
- Logitech Mouse M525-C
- Logitech Webcam C920-C
- Jabra Handset 450 for Cisco
- Jabra Speak 450 for Cisco



Cisco does not provide support for these accessories. For more information about, or technical assistance with your

- Logitech accessories, visit the Logitech website: http://www.logitech.com/.
- Jabra accessories, visit the Jabra website: http://www.jabra.com/.

#### **Related Topics**

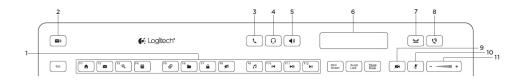
Logitech UC Keyboard K725-C, on page 12 Logitech Mouse M525-C, on page 14 Logitech WebCam C920-C, on page 17 Jabra Handset 450 for Cisco, on page 19 Jabra Speak 450 for Cisco, on page 22

## Logitech UC Keyboard K725-C

The Logitech UC Keyboard K725-C is designed for Cisco for use in Cisco Unified Communications (UC) environments. The Logitech UC Keyboard features Cisco UC integration with Cisco Jabber.

### **Logitech UC Keyboard features**

Figure 5: Logitech UC Keyboard features





Note

Enhanced functions (items 2 through 11) are available only in Cisco Unified Communications environments. To use these functions, you must be signed in to Cisco Jabber.

#### Table 1: Legend

See the table Function keys, which follows this legend.

2	Call your voicemail service. Follow the audio prompts.	
	The key lights up red when you have a new voice message.	
	<b>Note</b> If you have not set up Cisco Jabber with your Cisco Unity credentials for voicemail, or if you use a third-party voicemail system, the message waiting indicator on the keyboard may not be in sync with Cisco Jabber.	
3	Press to use your default handset for audio. The name of your default handset device appears briefly on the LCD display.	
4	Press to use your default headset for audio. The name of your default headset device appears briefly on the LCD display.	
5	Press to use your default hands-free (speakerphone) device for audio. The name of your default hands-free device appears briefly on the LCD display.	
6	See the LCD display for status information. If your phone is registered, your user name and number appear. If your phone is not registered, the message "Phone is not registered" appears. For active calls, the display shows the same information available from the Jabber call window, such as caller ID and call timer. The icons that appear depend on the status of the call: active, on hold, or microphone muted.	
	You can adjust the brightness and the contrast for the LCD display.	
	Press <b>FN</b> and the <b>Volume</b> + or <b>Volume</b> - key to adjust the brightness for the LCD display.	
	Press FN, Alt, and the Volume + or Volume - key to adjust the contrast for the LCD display.	
7	Press to place a call on hold, or to resume a held call.	
8	Press to answer an incoming call or to end your current active call.	
	If you do not have any incoming, active, or held calls, you can press this key to bring make Cisco Jabber the active window. Your active device plays a beep to indicate that it is ready. The Cisco Virtualization Experience Client speaker plays the beep, if your active device is a headset. Cisco Jabber must be running.	
9	Press to toggle your video: add or remove video for a call in progress.	
10	Press to toggle audio: mute and unmute audio for a call in progress.	
	<b>Note</b> This feature is not available if you connect to your HVD over a VMware connection.	
11	Press the <b>Volume</b> + or <b>Volume</b> - key to increase or decrease Cisco Jabber audio volume. <b>Note</b> This feature is not available if you connect to your HVD over a VMware connection.	

The following table lists the default functions for each of the Function Keys (F-keys). Simultaneously press the FN key and the F-key that you want to use.

### Table 2: Function keys

F1	Start your default web browser.	

F2	Start your default e-mail application.
F3	Search for files and folders (desktop search).
F4	Start the calculator.
F5	Switch between open applications.
F6	Bring the file browser to the front.
F7	Lock your Microsoft Windows desktop session.
F8	Toggle system audio: mute and unmute.
F9	Start your default media player application.
F10	Play the previous track (Media control).
F11	Toggle playback: play and pause (Media control).
F12	Play the next track (Media control).

### Set up your keyboard

#### **Procedure**

- **Step 1** Power on your Cisco Virtualization Experience Client.
- **Step 2** Plug the keyboard into a USB port on your Cisco Virtualization Experience Client.

  To support the backlight feature on the Logitech UC Keyboard, you must plug the keyboard directly into the Cisco Virtualization Experience Client or a powered USB hub.

#### What to Do Next

If you experience issues with the keyboard, plug it into a different USB port and restart the Cisco Virtualization Experience Client.

## **Logitech Mouse M525-C**

The wireless Logitech Mouse M525-C is designed for use with your Logitech UC Keyboard K725-C in Cisco Unified Communications environments.

## **Logitech Wirelesss Mouse features**

Figure 6: Logitech Wireless Mouse features

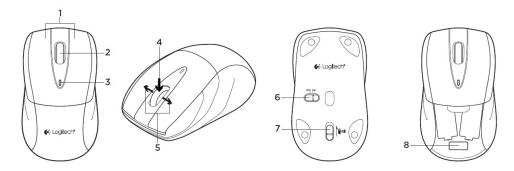
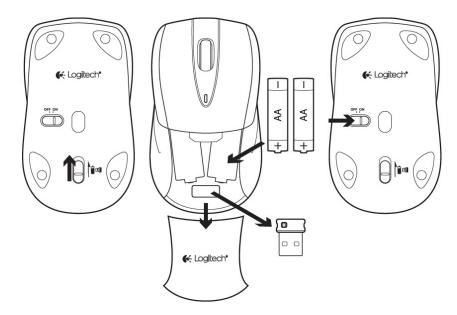


Table 3: Legend

1	Left and right mouse buttons.
2	Scroll wheel.
3	Battery LED: Flashes green when mouse is powered on, and flashes red when the battery power is low.
4	Middle button: The function of this button depends on your operating system and the application being used. For example, if you browse the Internet in Microsoft Windows and use the Middle button to click a link, typically the link opens in a new tab.
5	Internet back and forward: Tilt the scroll wheel right to move forward one page. Tilt the scroll wheel left to move back one page.
6	OFF ON slider switch.
7	Lid release for the storage and battery compartment lid.
8	Unifying receiver storage—When the mouse is not in use, you can store the Unifying receiver inside the mouse.

## Set up your mouse

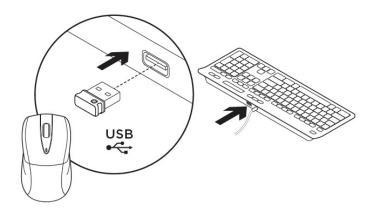
Figure 7: Mouse setup



#### **Procedure**

- **Step 1** On the bottom of the mouse, push the release for the storage compartment.
- **Step 2** Turn the mouse over and remove the lid from the storage compartment.
- **Step 3** Remove the Unifying Receiver from the storage compartment.
- **Step 4** Install two AA batteries.
- **Step 5** Slide the lid for the storage compartment back into place.
- **Step 6** On the bottom of the mouse, move the OFF ON switch to the ON position.
- **Step 7** Plug the Unifying Receiver into the USB port on your Logitech UC Keyboard, as shown in the following image.

Figure 8: Plug in the Unifying Receiver



## Logitech WebCam C920-C

The Logitech WebCam C920-C features hardware encoding and is designed for Cisco for use in Cisco Unified Communications environments. With the Logitech WebCam C920-C, Cisco Jabber with Cisco Virtualization Experience Media Engine can support video resolutions up to 720p (720 horizontal lines and an aspect ratio of 16:9) at 30 frames per second, in the virtual environment.



Note

Other variables, such as network traffic or far-endpoint video capability can affect video quality.

## **Logitech Webcam features**

Figure 9: Logitech WebCam C920-C features

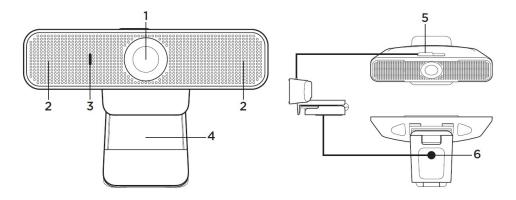


Table 4: Legend

1	Autofocus HD 1080p lens	
2	Omni directional microphones	
	Note The virtual environment does not use these microphones.	
3	Activity light	
4	Flexible clip/base	
5	Privacy shutter	
6	Tripod attachment	

### Set up your webcam

### **Procedure**

- **Step 1** Place the webcam where you want it: on a computer monitor, desktop, or tripod.
- **Step 2** Connect the webcam to a USB port.

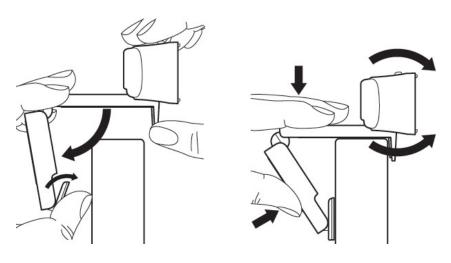
  Driver installation may take a few moments.
- **Step 3** Use your webcam to make video calls with your video calling application.

### **Related Topics**

Mount your webcam on monitor, on page 19

### Mount your webcam on monitor

Figure 10: Monitor mount



#### **Procedure**

- **Step 1** Grasp the webcam as shown and open the flexible clip/base with your other hand.
- **Step 2** Mount the webcam, making sure the foot on the flexible clip/base is flush with the back of your monitor.
- **Step 3** Adjust the camera angle up or down.

### **Jabra Handset 450 for Cisco**

The Jabra Handset 450 for Cisco was designed for Cisco, for use in Cisco Unified Communications environments.

### **Jabra Handset 450 features**

Table 5: Jabra Handset 450 features

Feature	Description
Answer call	Lift the handset.
	If Cisco Jabber is running and you have no incoming, active, or held calls, you can lift the handset to make it your active device. The handset plays a beep tone when the device is ready and Cisco Jabber becomes the active window.
End call	Place the handset back in the cradle.
Mute handset	Press the mute button on the handset to toggle mute.
Handset volume control	Press the Volume + and Volume - buttons on the handset to increase or decrease the volume.

**Feature** 

Touturo	Bosoniption
Handset status indicator	Indicates the handset status. The light is
light	White (not flashing) when the handset is ready, but not in use.
	White (flashing) when the handset is charging, but not in use.
	Yellow when the handset battery is low.
	• Blue (flashing) when the handset is pairing with the cradle. If the handset flashes blue while away from the cradle, this indicates that the handset is out of range.
	• Red (flashing) when you have an incoming call and the handset is ringing.
	• Red (not flashing) when you have new voicemail.
	Note If you have not set up Cisco Jabber with your Cisco Unity credentials for voicemail, or if you use a third-party voicemail system, the message waiting indicator on the handset may not be in sync with Cisco Jabber.
	Green when you have an active call or audio stream.
Handset charging	Place the handset into the cradle.
Handset paired with cradle	The handset and cradle are factory paired. To pair a new handset with the cradle, place the new handset into the cradle.
	Note You can pair only one handset with the cradle at a time.

## Set up your handset

The Jabra Handset 450 for Cisco and the handset cradle are factory paired.

**Description** 



Note

You can pair only one handset with the cradle at a time.

#### **Procedure**

- **Step 1** Connect the USB cable to the handset cradle.
- **Step 2** Plug the USB cable into an available USB port on your Cisco Virtualization Experience Client.
- **Step 3** Place the handset in the cradle.

  The handset pairs with the cradle and begins charging.

### Power your handset off and on

The Jabra Handset 450 for Cisco is always powered on when it is in the handset cradle.



Note

The handset powers off automatically if it is out of range of the cradle, for four minutes or longer.

#### **Procedure**

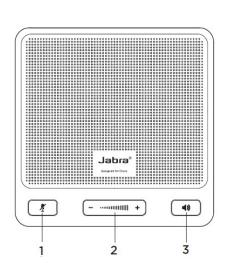
- **Step 1** To power off the handset, press and hold ₹ for 5 seconds.
- Step 2 To power the handset back on, press 🛂 .

## **Jabra Speak 450 for Cisco**

The Jabra Speak 450 for Cisco is a hands-free speakerphone. The Jabra Speak 450 was designed for Cisco to work in Cisco Unified Communications environments.

## **Jabra Speak 450 features**

Figure 11: Jabra Speak 450 features



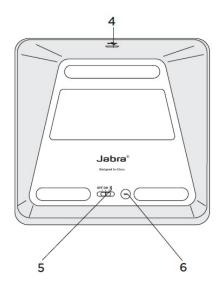


Table 6: Legend

1	Press the <b>Mute</b> button to toggle mute.
2	Press the <b>Volume</b> + or <b>Volume</b> - button to adjust the speaker volume up or down.
3	Press the <b>Speaker</b> button to answer a call, or to end a call.
	To end an active call and answer an incoming call, press the <b>Speaker</b> button twice.
	To reject an incoming call, press the <b>Speaker</b> button twice.
	To put a call on hold and answer an incoming call, press and hold the <b>Speaker</b> button for two seconds.
	To switch between an active call and a call on hold, press and hold the <b>Speaker</b> button for two seconds.
	If Cisco Jabber is running and you have no incoming, active, or held calls, you can press the button to make the speakerphone your active device. The speakerphone plays a beep tone to let you know that it is ready and Cisco Jabber becomes the active window.
4	Plug the USB cable into this USB port. (USB connections only)
5	Set the OFF/ON/Bluetooth switch to ON for a USB connection.
	Set the <b>OFF/ON/Bluetooth</b> switch to <b>Bluetooth</b> for Bluetooth connections.
6	Press the <b>Connect</b> button to reconnect with, or to disconnect from a Bluetooth device.

### Set up your hands-free speakerphone USB connection

#### **Procedure**

- **Step 1** Connect the USB cable to the Jabra Speak 450.
- **Step 2** Plug the other end of the USB cable into an available USB port.
- **Step 3** On the base of the speakerphone, set the **OFF/ON/Bluetooth** switch to the **ON** position.

### Set up your hands-free speakerphone Bluetooth connection

With the Jabra Link 360, you can connect the Jabra Speak 450 to your Cisco Virtualization Experience Client over Bluetooth.



You can pair up to eight devices with the Jabra Link 360; however, only one active audio path is supported at a time. For more information about the Jabra Link 360, visit <a href="http://www.jabra.com">http://www.jabra.com</a>.

#### **Before You Begin**

Power off all devices that previously connected to (paired with) the Jabra Link 360.

#### **Procedure**

- **Step 1** On the base of the speakerphone, set the OFF/ON/Bluetooth switch to the Bluetooth position.
- **Step 2** On the base of the speakerphone, press **Connect**.
- **Step 3** Plug the Jabra Link 360 into an available USB port.

The LED indicator flashes blue to indicate that the Jabra Link 360 is in pairing mode. It can take up to a minute to establish the connection. The LED turns solid blue when pairing is complete.

### **Device Selector**

The Device Selector is part of Cisco Virtualization Experience Media Engine (VXME). Device Selector is a menu that you use to manage your cameras and audio devices. You can view your currently active cameras and audio devices or change them. A list of audio devices appears first in the menu, followed by a list of cameras. The list of audio devices includes the thin client built-in audio device. Your active camera and audio device selections apply to all applications.

The icon for the Device Selector () appears in the notification area in the bottom right corner of the screen. Some icons, including the Device Selector, can be hidden. Click the up arrow in the notification area to show hidden icons.

You can also open Device Selector from Cisco Jabber by clicking **Show** on one of the following tabs:

- File > Options > Audio
- File > Options > Video

## View your active camera or audio device

You can check to see which of your cameras or audio devices is currently selected.

#### **Procedure**

In the Windows notification area, click Check marks indicate the selected devices.

## Change your active camera or audio device

Use the Device Selector menu to select a different active camera or audio device

#### **Before You Begin**

You have multiple devices connected.

#### **Procedure**

- In the Windows notification area, click Check marks indicate the selected devices.
- **Step 2** Click a device (camera or audio) to make it active.
- **Step 3** Click anywhere except on the Device Selector menu to close the menu.

## **Audio**

All audio from your Cisco Virtualization Experience Client and your hosted virtual desktop (HVD), plays through your selected audio device. You can adjust the volume on the Cisco Virtualization Experience Client; however, each time you log on to your HVD the volume setting synchronizes with the setting on your HVD.

## **Adjust settings for Jabra Bluetooth devices**

All Jabra Bluetooth devices introduce a short delay in bringing up the audio path (about 1-3 seconds). With the latest firmware, the Jabra Speak 450 for Cisco does not have this issue. For other supported Jabra Bluetooth devices, such as Jabra Pro, you can eliminate the delay by changing the device settings in the Jabra PC Suite.

#### **Before You Begin**

Jabra PC Suite must be installed.

#### **Procedure**

- **Step 1** Open the Jabra Control Center.
- **Step 2** Click the Jabra device, for which you want to modify the settings.
- Step 3 Click Softphone (PC).
- **Step 4** Check Open phone line on undock.
- Step 5 Under PC audio control, click Automatic.
- Step 6 From the Softphone vendor list select Other.
- Step 7 Click Apply.

## **Adjust Virtual Experience Client volume**

You can adjust the volume for the Cisco Virtualization Experience Client when you are not signed into your hosted virtual desktop (HVD).

After you sign into your HVD, the volume setting on the Cisco Virtualization Experience Client synchronizes with the volume setting for Cisco Jabber on the HVD.

#### **Procedure**

- **Step 1** In the notification area, click the **Speaker** icon.
- **Step 2** Use the slider to increase or decrease the volume.

### **Adjust Jabber volume**

You can adjust the volume settings for certain applications on your hosted virtual desktop (HVD), including Cisco Jabber.

#### **Procedure**

- **Step 1** In the notification area, click the **Speaker** icon.
- Step 2 Click Mixer.
- **Step 3** Use the slider for Cisco Jabber to increase or decrease the volume.

### **Default audio device selection**

When you start your Cisco Virtualization Experience Client for the first time, the default audio device is the first device in the following order:

- 1 Hands-free: if there are multiple hands-free devices connected, the default is the first device in alphabetical order.
- 2 Headset: if there are multiple headsets connected, the default is the first headset in alphabetical order.
- 3 Handset: if there are multiple handsets connected, the default is the first handset in alphabetical order.
- 4 No devices connected: the default audio device is the Cisco Virtualization Experience Client built-in speaker.

The next time you start your Cisco Virtualization Experience Client the default audio device is the last selected active device, provided the device is still connected. Otherwise, Device Selector makes the first available device active (subject to the preceding order of selection.)

After you connect a new device, a **New device found** popup message appears in the notification area and the new device becomes the active device.

When you disconnect a device, a **Device disconnected** popup message appears in the notification area and the next device in the Device Selector list becomes active.

## **Ring tone**

When you have an incoming call, an incoming call notification appears on your screen and your active audio device plays the ring tone. Depending on your active device, the Cisco Virtualization Experience Client built-in speaker also plays the ring tone to ensure that you can hear it. If the hands-free speakerphone is the active device, the ring tone plays on the speakerphone. If the hands-free speakerphone is not the active device, or it is not connected, both the active device and the Cisco Virtualization Experience Client built-in speaker play the ring tone.



Note

With some wireless headsets, you may not hear the ring tone. Some headsets play their own internal tone.

### **Device ready indicator**

If you perform one of the following "off hook" actions and you have no incoming or in-progress calls, the active device plays a beep tone to indicate that the device is ready. The device becomes the active device if it was not already.

- Press the Call key on the Logitech UC Keyboard. If the headset is the active device, the beep plays on the Cisco Virtualization Experience Client built-in speaker.
- Press the Call key on a headset.
- Press **Speaker** button on the Jabra Speak 450.
- Lift the Jabra Handset 450 from its cradle.

For example, if your current active device is your headset and you lift the handset from the cradle, the handset becomes the active device and plays the beep tone to indicate that it is ready. The UC Keyboard indicates your new selection.



**Note** You must be signed into Cisco Jabber.

### Video resolution

The only supported camera that features hardware encoding is the Logitech WebCam C920-C.

You must use this model camera with Cisco Jabber and Cisco Virtualization Experience Media Engine to support video resolutions up to 720p (720 horizontal lines and an aspect ratio of 16:9) at 30 frames per second, in the virtual environment. Other supported cameras only support video resolution up to 360p.

Numerous other variables, such as network traffic or far-endpoint video capability can affect video quality.



Do not switch from a high definition (HD) camera with hardware encoding, to a standard definition camera during a call. Video calls use the settings established at the start of the call. The higher setting for the HD camera causes video performance issues with an SD camera. If you want to switch to an SD camera, do so between calls.

## Screen lock call control

While your hosted virtual desktop (HVD) is in screen lock, you cannot make calls, but you can receive them. If you have an incoming call while your HVD is in screen lock, you can use one of your accessories to answer the call. With supported accessories, the following call control features are available during screen lock:

- · Answer call
- · End call
- · Hold call
- Resume call
- Change active device (Logitech UC Keyboard feature)
- Toggle audio mute
- Toggle video start and stop (Logitech UC Keyboard feature)
- · Adjust audio volume